

MIKOŁAJ WOŹNIAK

Student Researcher

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EDUCATION

Bachelor's Degree in Telecommunications & Computer Science

International Faculty of Engineering, Lodz Univ. of Technology

📅 October 2016 - present

📍 Lodz, Poland

International Semester on User Experience Design

Faculty of IT & Design, De Haagse Hogeschool

📅 August 2018 - February 2019

📍 The Hague, The Netherlands

ACADEMIC ACTIVITIES

UbiCOMP Engineering Club

Researcher, founding member

📅 September 2017 - present

📍 Lodz University of Technology

- Research activities in the field of Human - Computer Interaction, User-Centered Design, Electronics and Sensor-based Interaction
- Coordination and co-supervision of multiple student research projects.
- Lecturer - "Design Thinking for HCI" workshops

Chalmers University of Technology

Assistant Student Researcher

📅 Since 2015, periodically

📍 Göteborg, Sweden

- Research student assistant at t2i Interaction Lab
- LaTeX Submission Corrector

French Academy of Young Engineers

Design Thinking Workshops - Lecturer

📅 February - June 2018

📍 IFE, Lodz Univ. of Technology

Lodz Summer School on Methods in HCI

Student Volunteers Chair

📅 7th - 14th July 2017

📍 Universität Stuttgart, Lodz Univ. of Technology

BEST Summer Course on Internet of Things

Programme Chair, Lecturer

📅 9th - 13th July 2018

📍 Lodz University of Technology

RESEARCH ACTIVITIES

SwingMate - Autonomous Interactive Golf Coach

Research project

📅 Ongoing

📍 UbiCOMP Engineering Club

SKILLS

C programming

Arduino IDE

Circuit theory

Signal Processing

Qualitative methods

LaTeX Overleaf

Design Thinking

Analog Electronics

PSpice Simulations

ECT Tomography

LANGUAGES

English - C1

Polish - Native

German - A2

Beyond Imaging - Interactive Tabletop System for Tomographic Data Visualisation and Analysis

Conference full paper

 March 2018

 19th Int. Conf. on Human Aspects of Advanced Manufacturing

Exploring EMG Gesture Recognition - Interactive Armband for Audio Playback Control


Conference short paper

 September 2018

 6th MIDI, FedCSIS '18

Towards Amblyopia Therapy Using Mixed Reality Technology

Conference short paper

 September 2018

 1st BEDA, FedCSIS '18

The Design and Implementation of Interactive Visualisation System for ECT Data Analysis

Conference full paper

 September 2017

 IIPhDW 2017, Łódź, Poland